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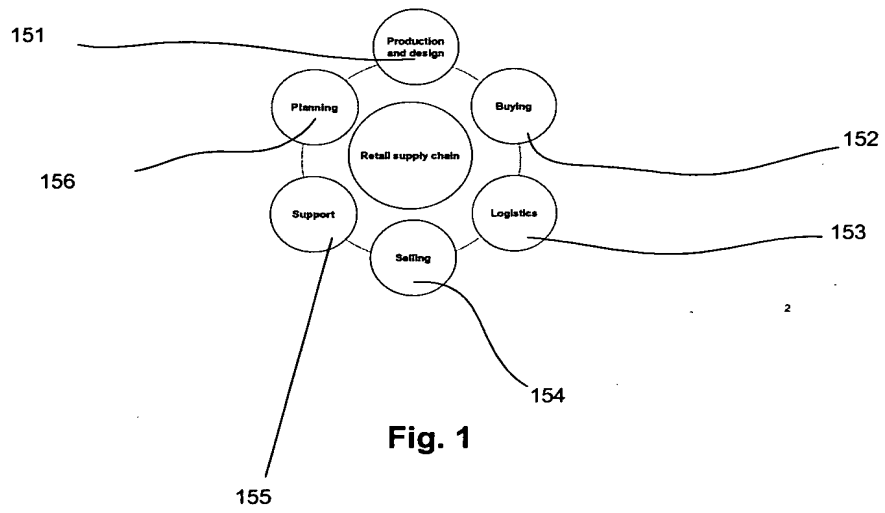
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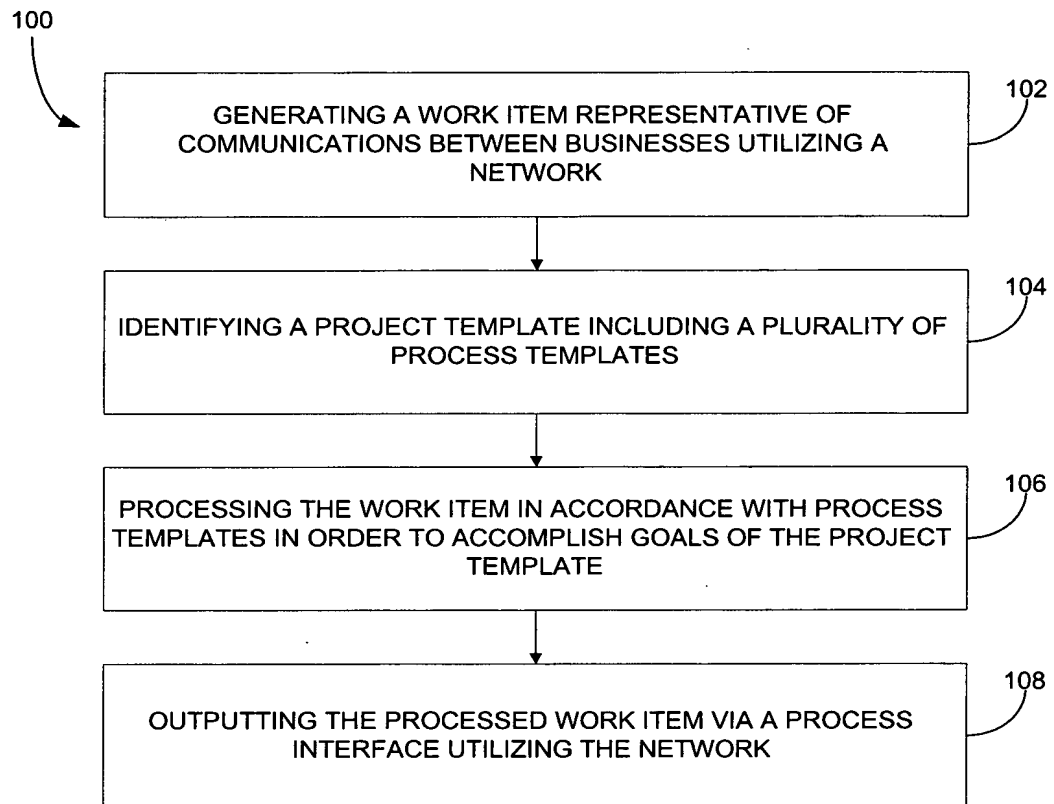
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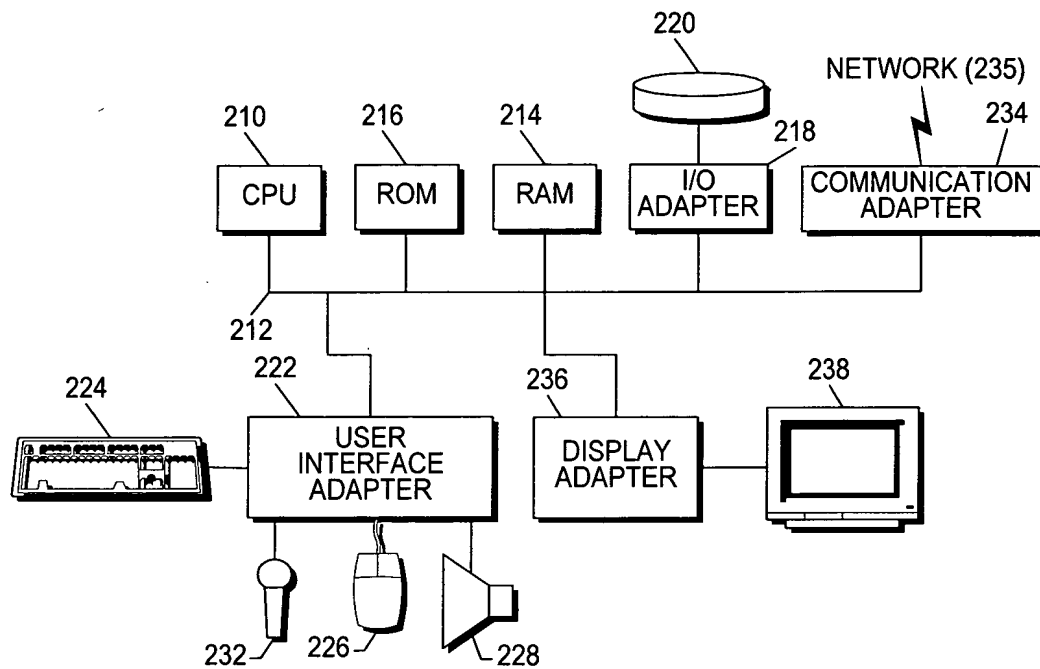
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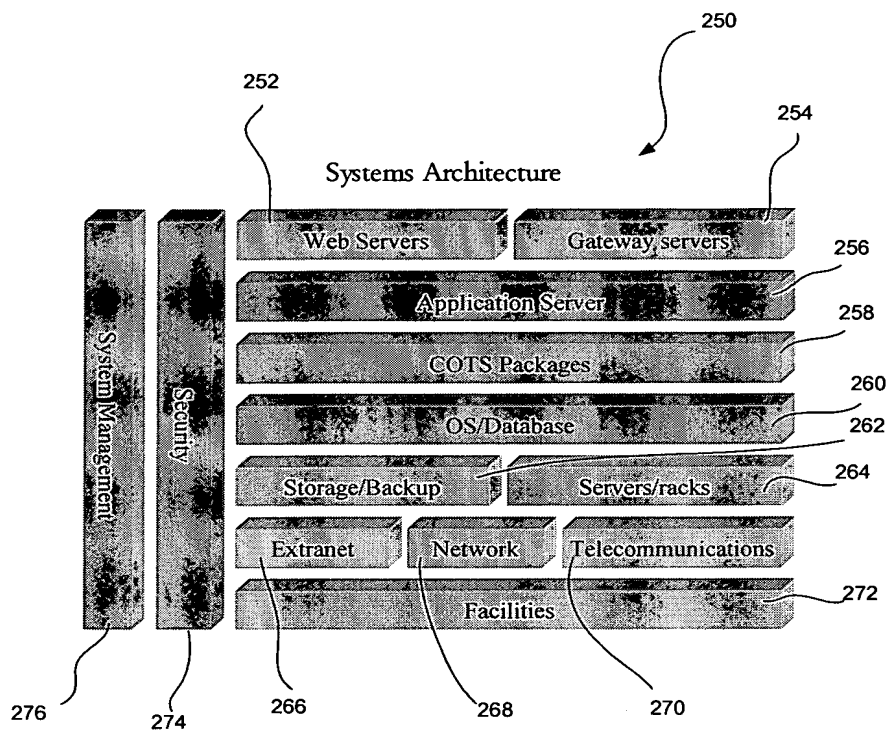




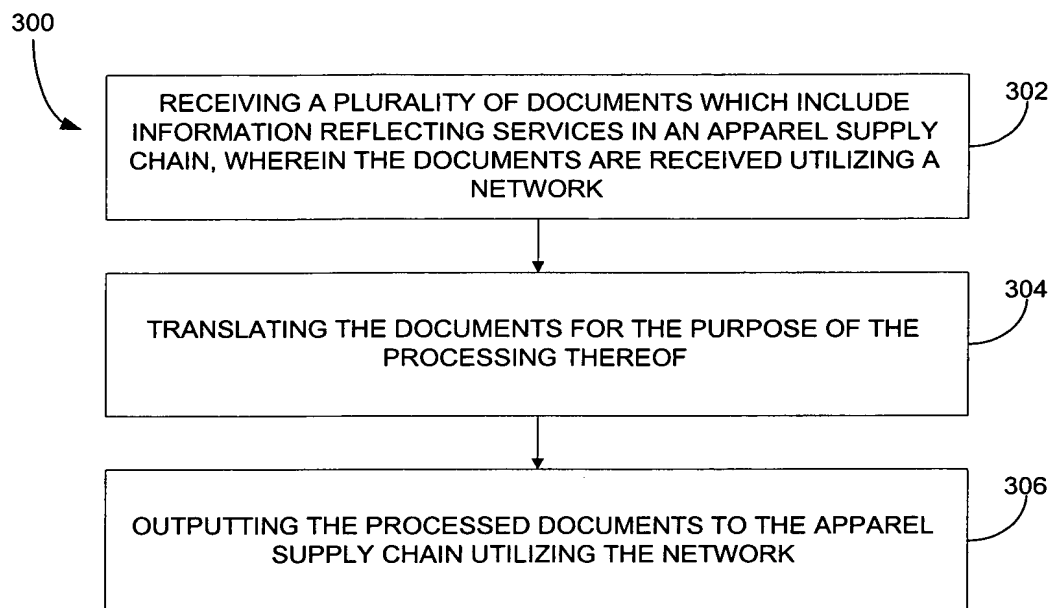
**Fig. 1a**



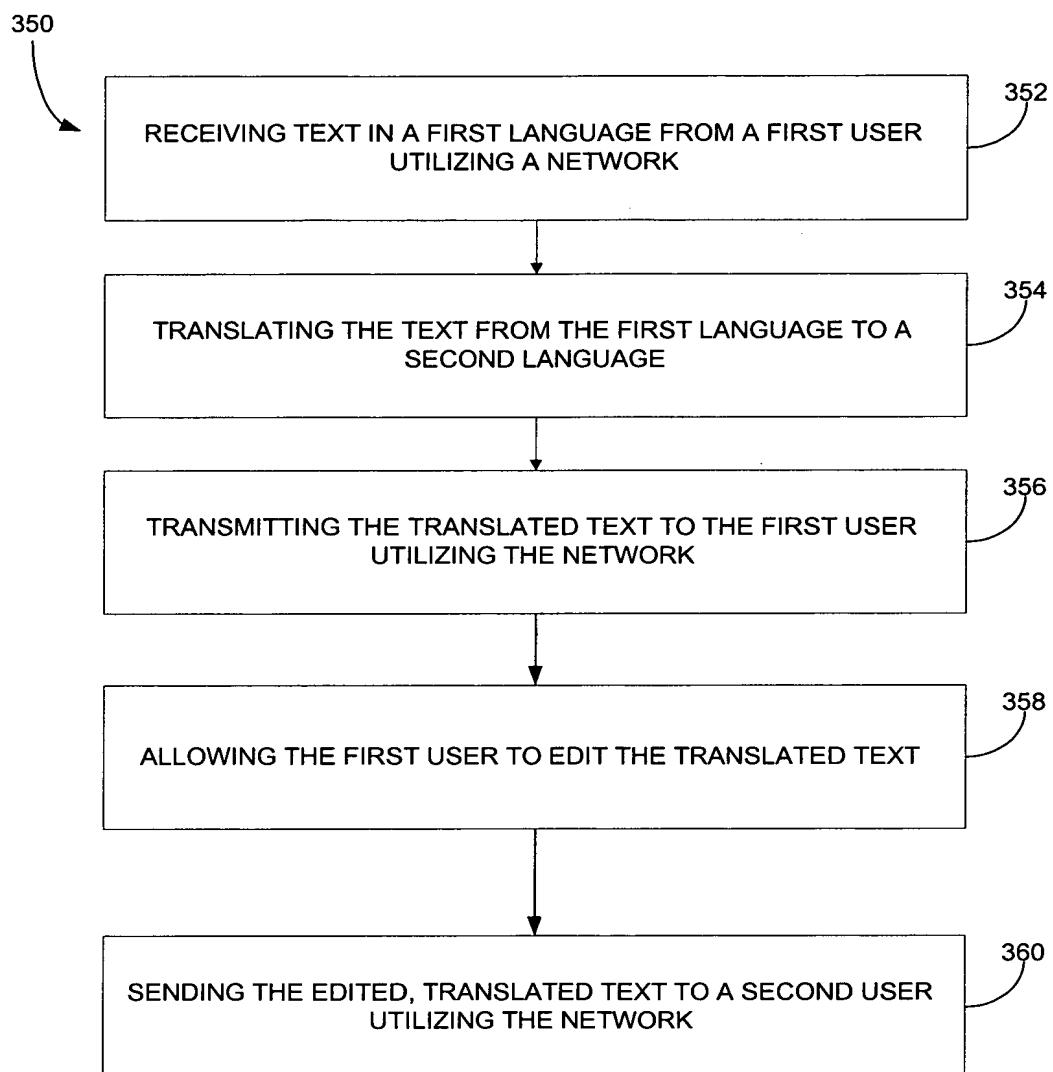
**Fig. 2**



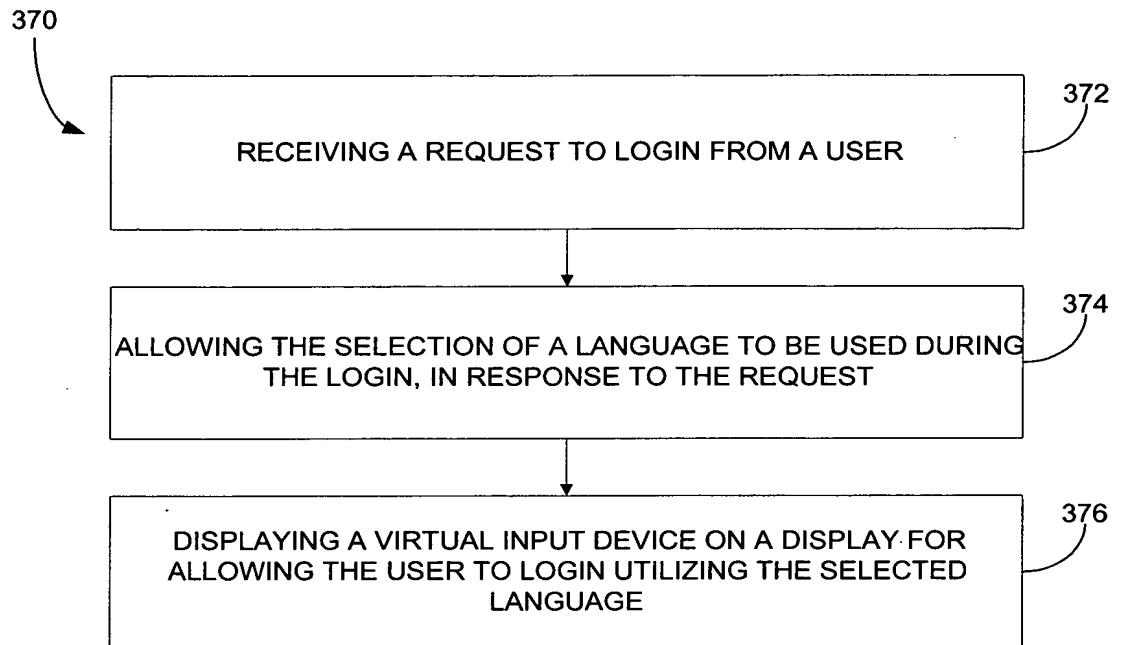
**Fig. 2b**



**Fig. 3**

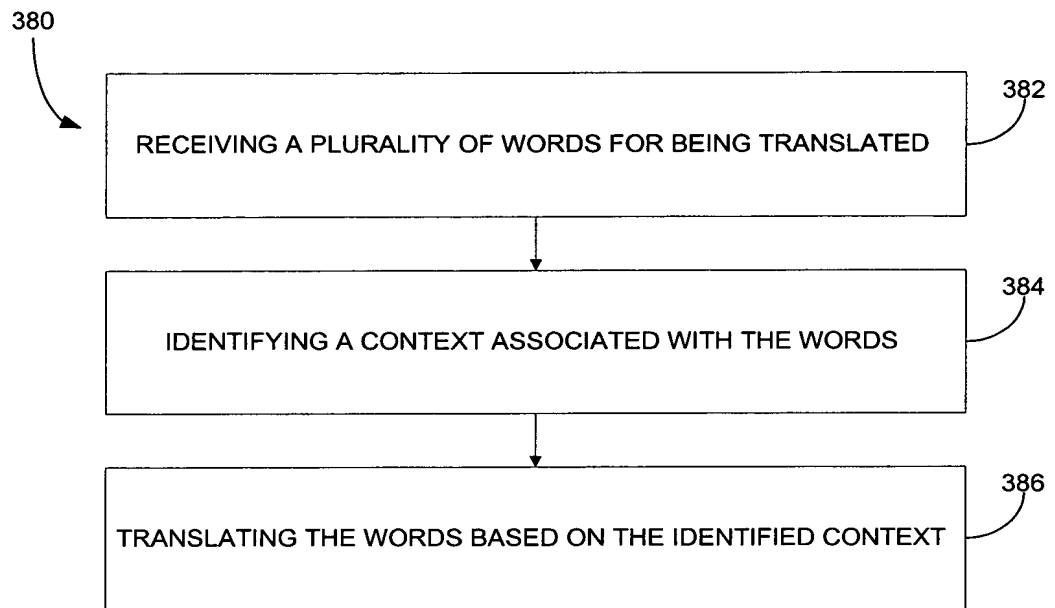


**Fig. 3a**

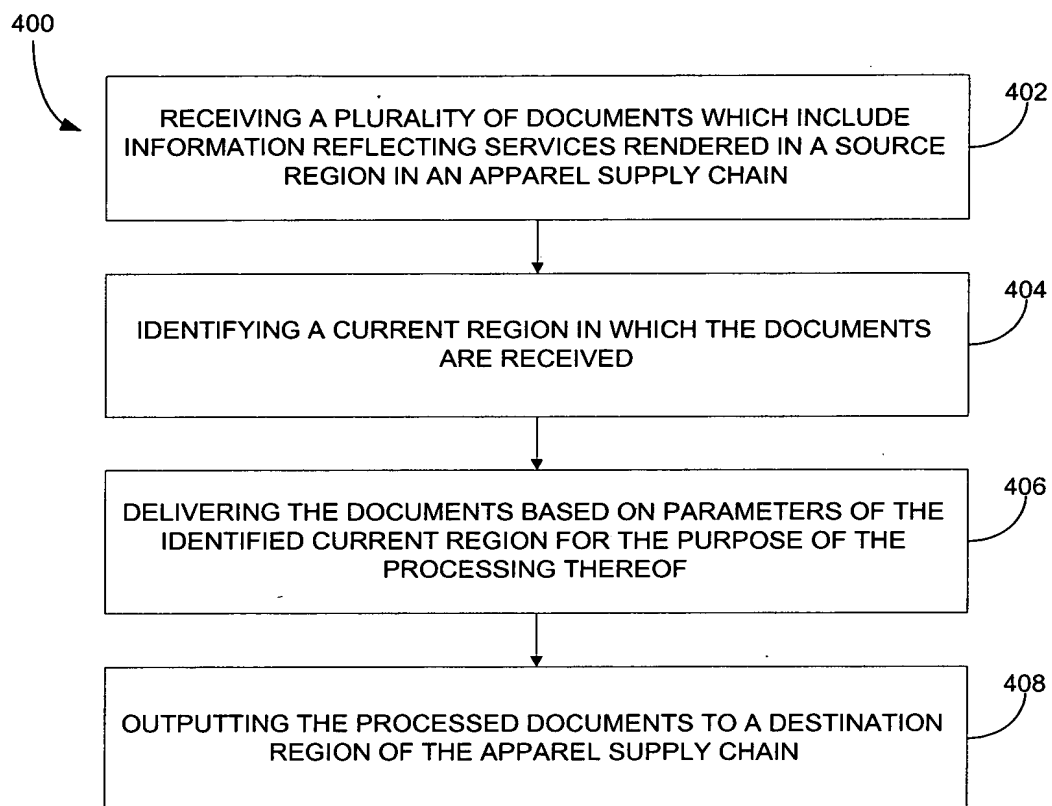


**Fig. 3b**

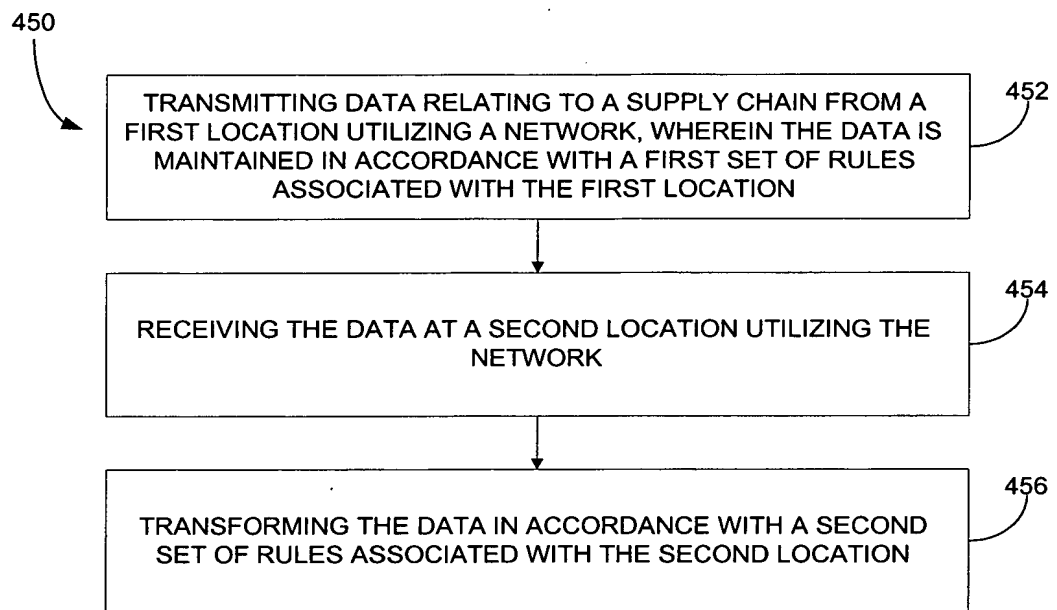




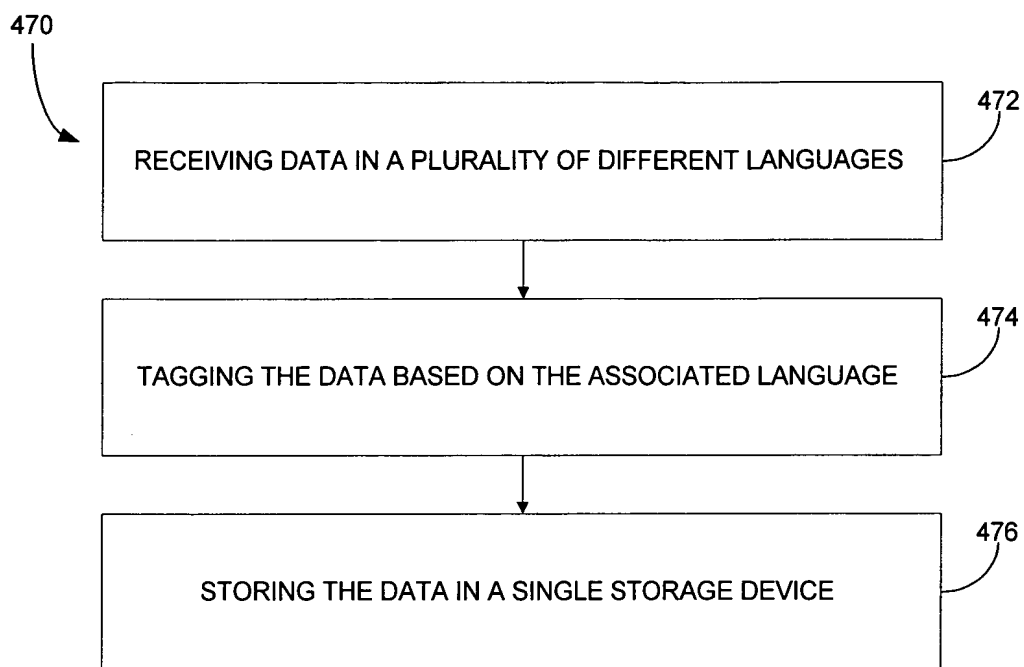
**Fig. 3c**



**Fig. 4**



**Fig. 4a**



**Fig. 4b**

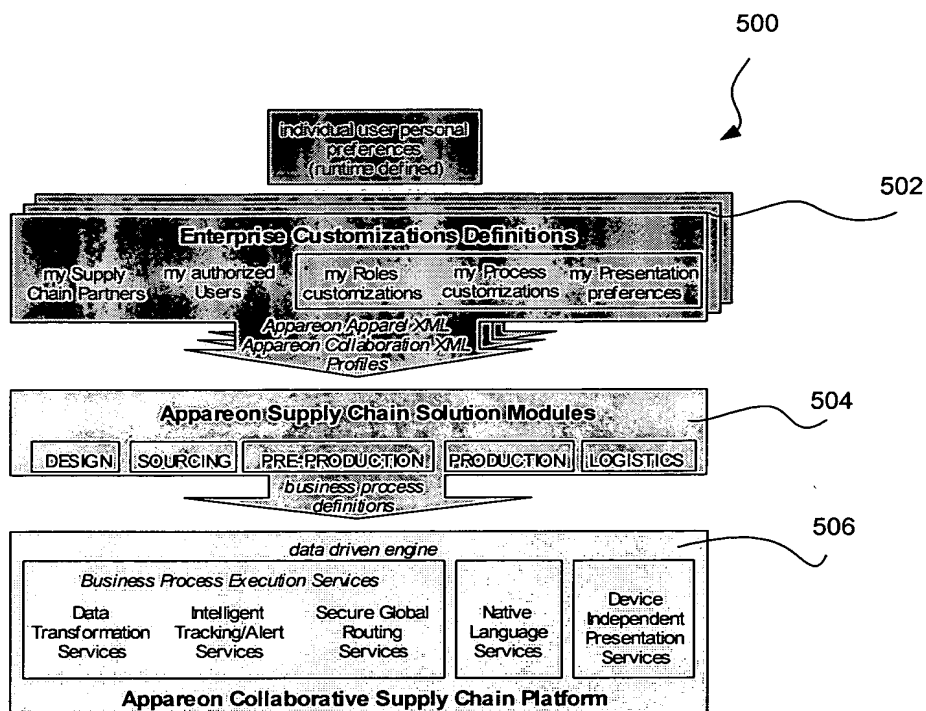
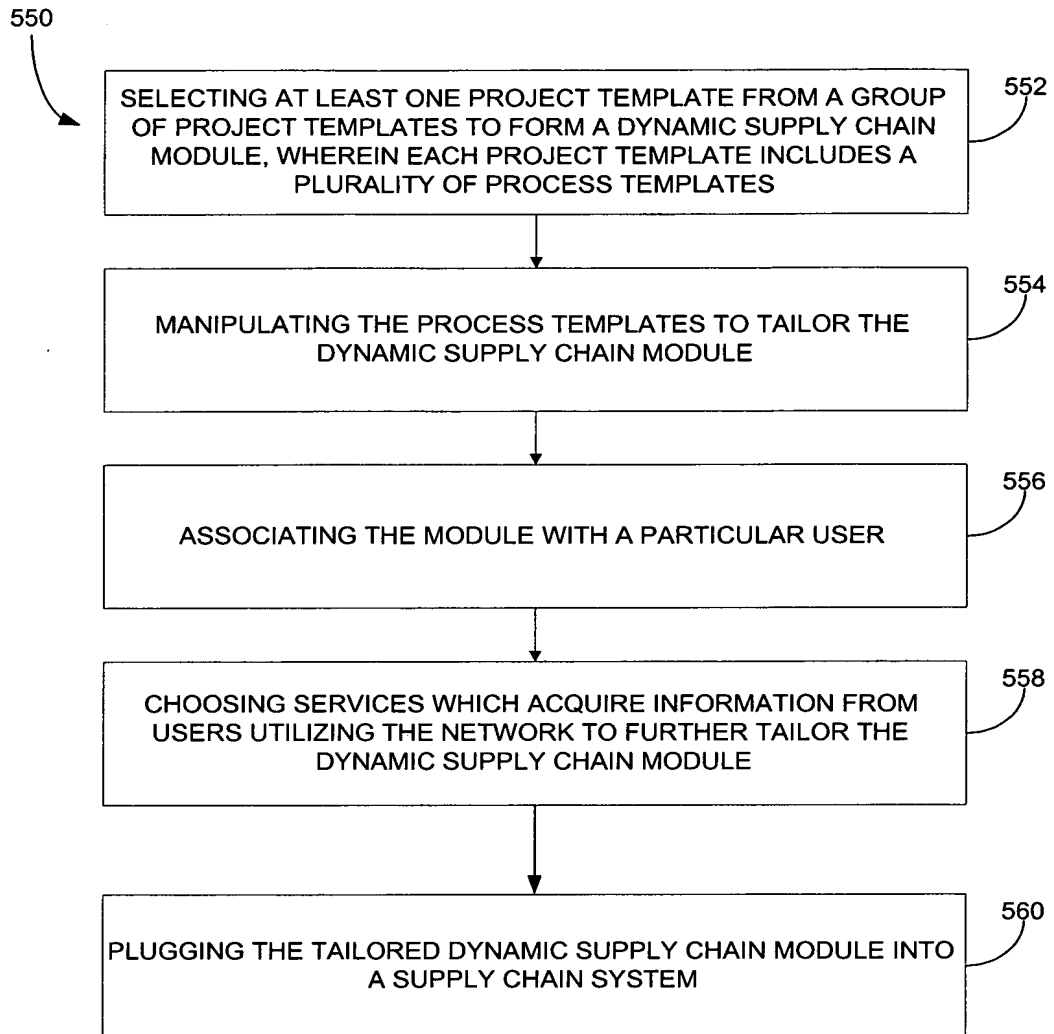
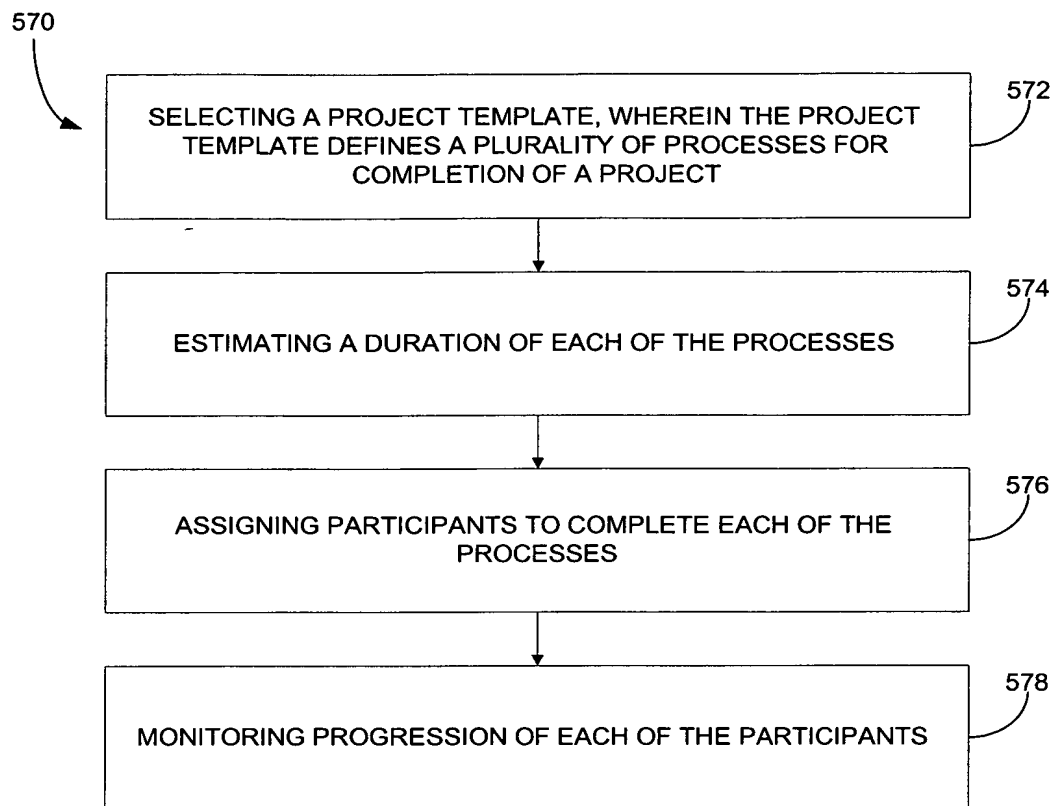


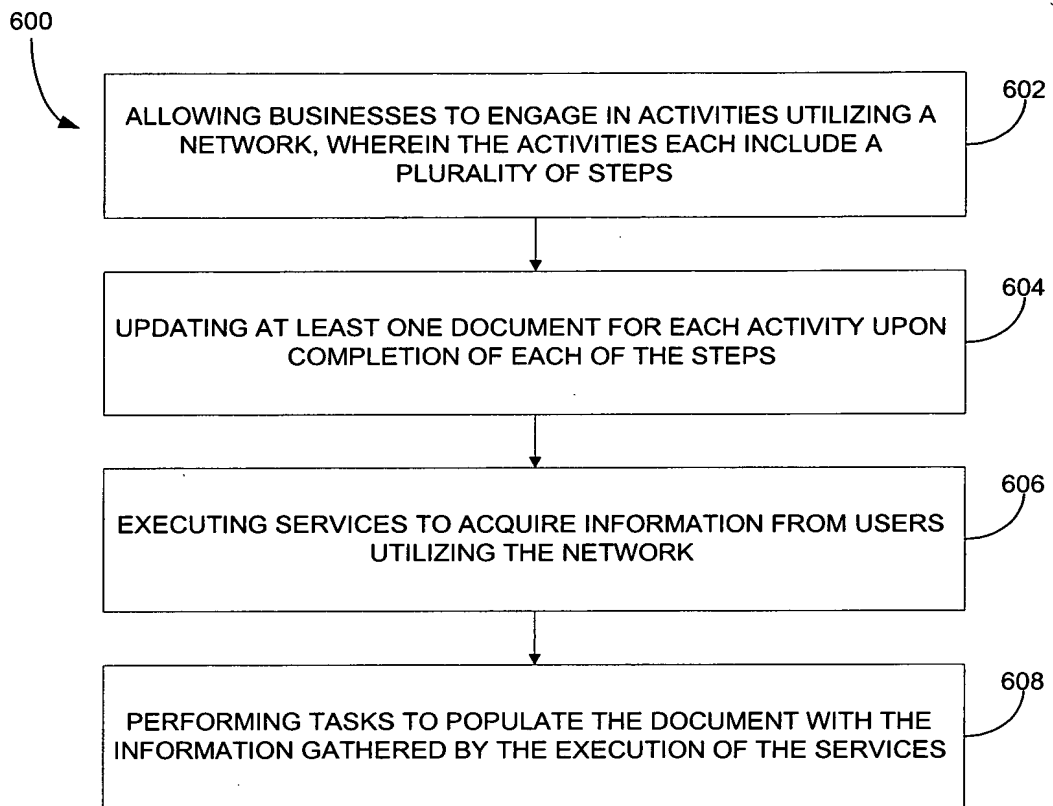
Fig. 5a



**Fig. 5b**



**Fig. 5c**



**Fig. 6a**



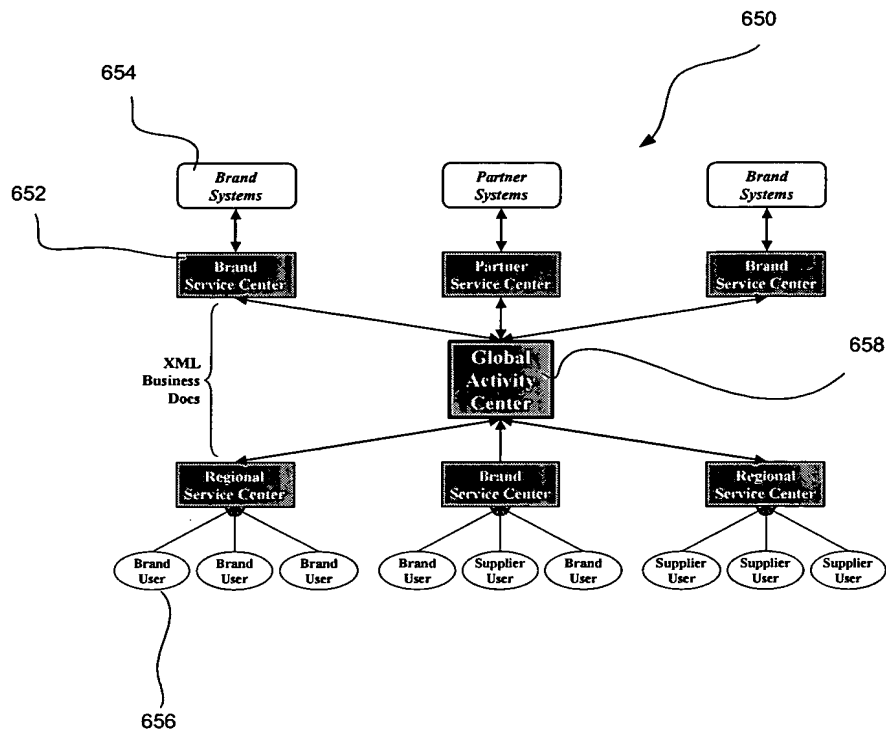


Fig. 6b

Abstraction Level	Action	Output	Type of State	Example
Activity	Conduct	Economic Exchange	Business	Source Production
Service	Utilize	Business Document	Transactional	Respond to RFQ
Task	Execute	User Input	Conversational	Select Material

Fig. 7

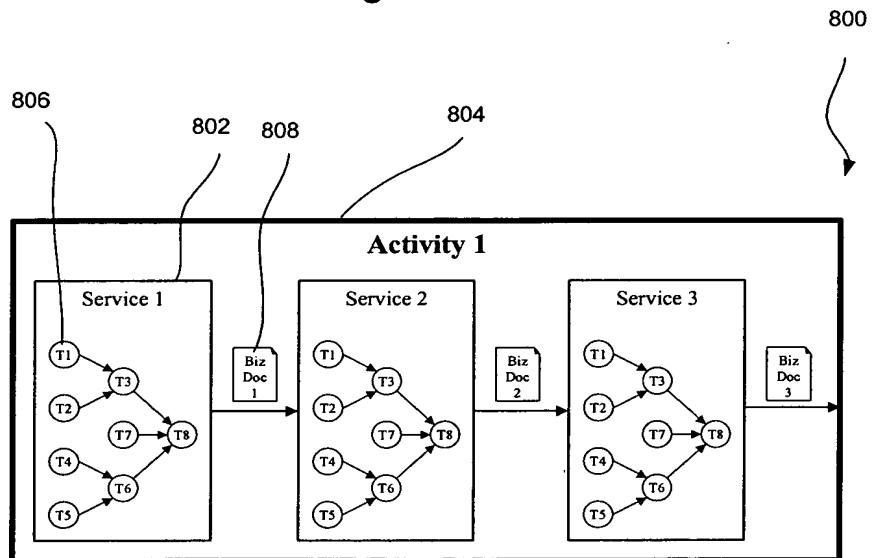


Fig. 8

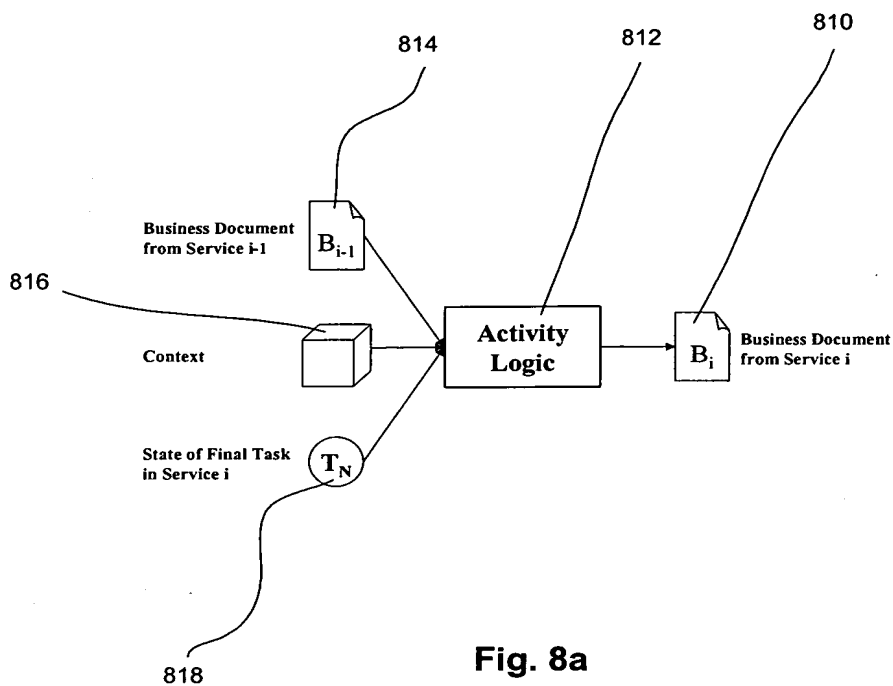
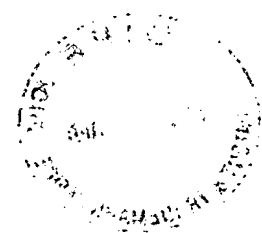


Fig. 8a

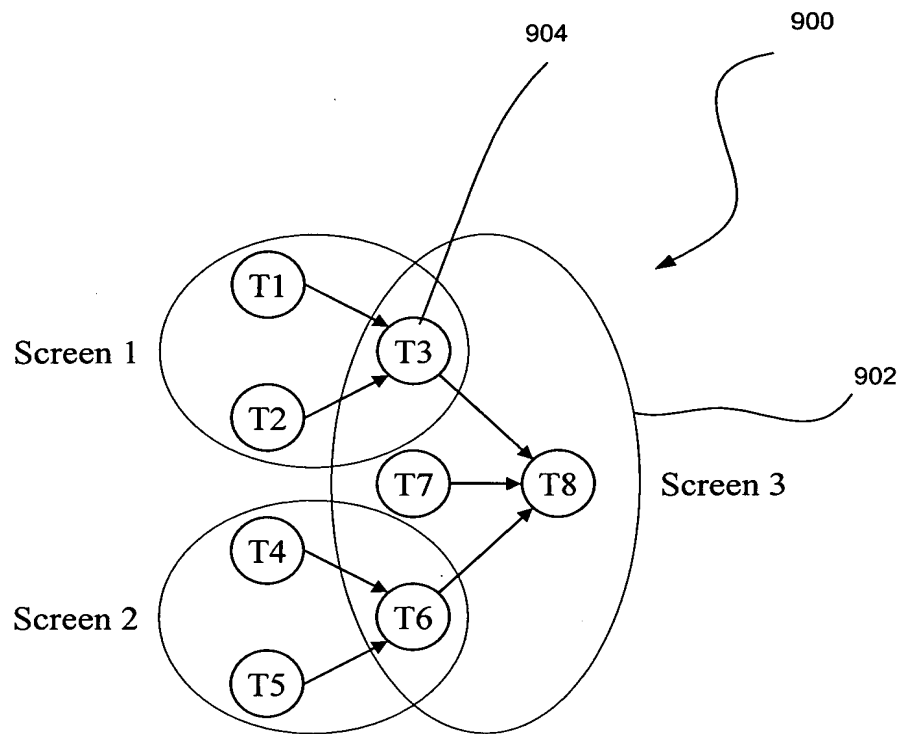


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Document Category	Purpose	Working Store	Examples
<i>Collaboration Docs</i>	Represent the exchange of business information among trading partners	DB of Record Master Doc Store	Quote Purchase Order
<i>Service Docs</i>	Represent the contribution of a trading partner to a collaboration	Local Doc Store	Service State Structure
<i>Presentation Docs</i>	Represent the layout of a user interface	Local Doc Store	HTML Template Widget Transform
<i>Control Docs</i>	Control the execution of the Collaboration, Conversation, and Presentation Managers	Local Doc Store Master Doc Store	Routing Rules Service Definition
<i>System Docs</i>	Maintain consistent state across all distributed system nodes	DB of Record Master Doc Store	Update Data Order Get Doc Request

Fig. 8b



**Fig. 9**

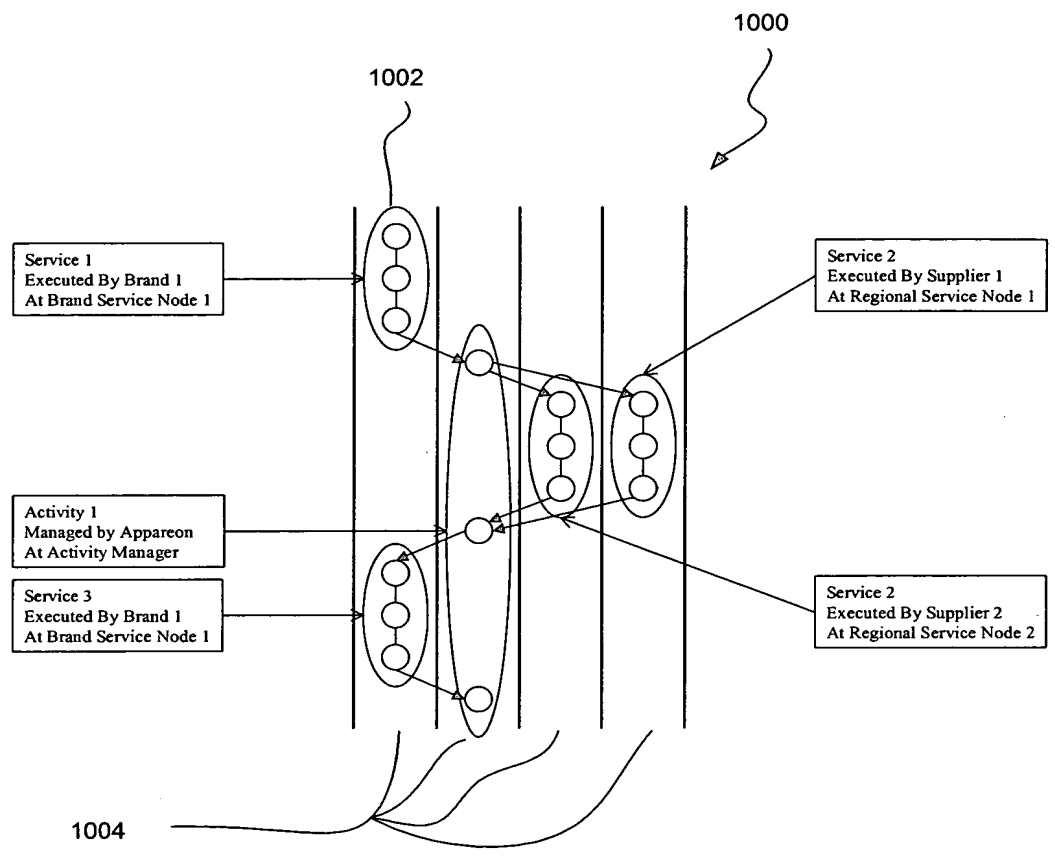


Fig. 10

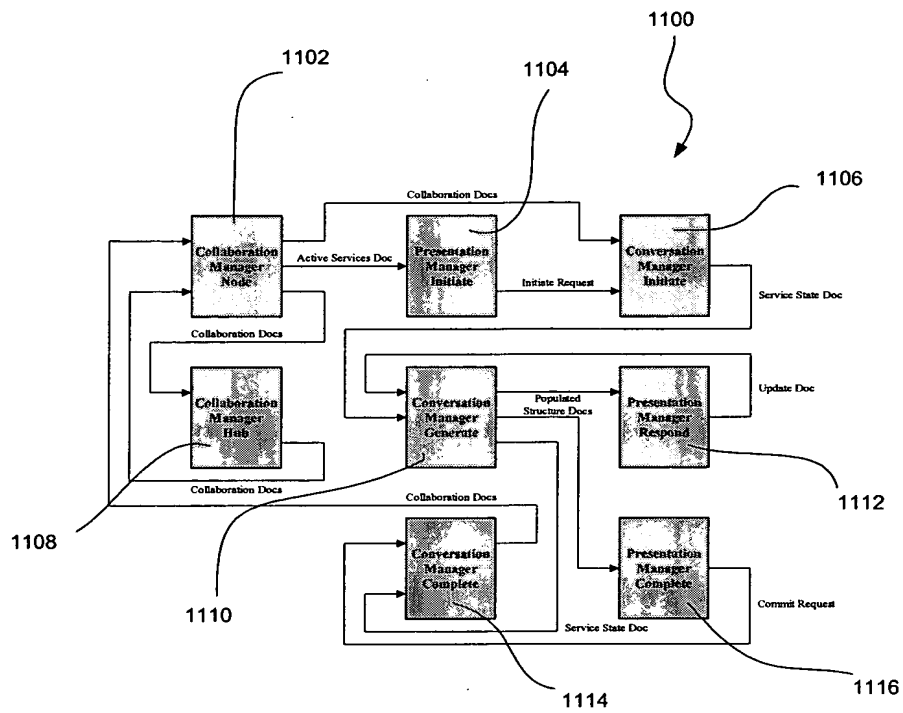


Fig. 11

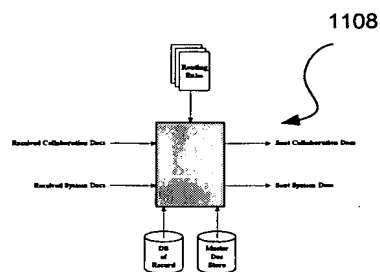


Fig. 12

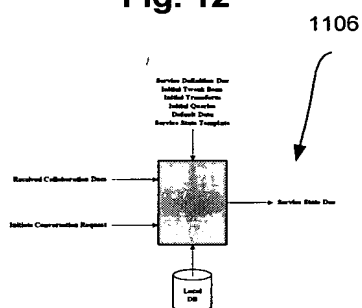


Fig. 14

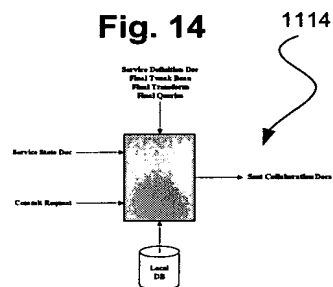


Fig. 16

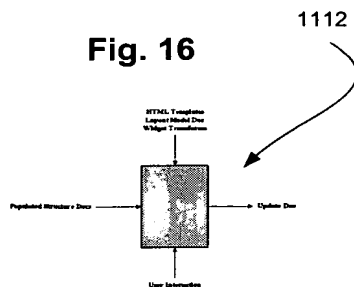


Fig. 18

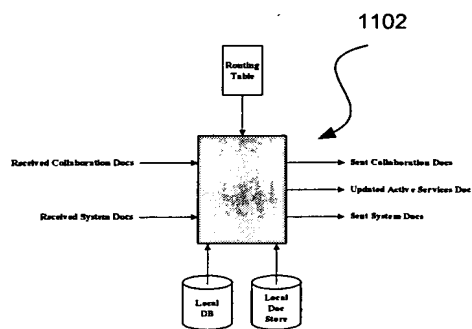


Fig. 13

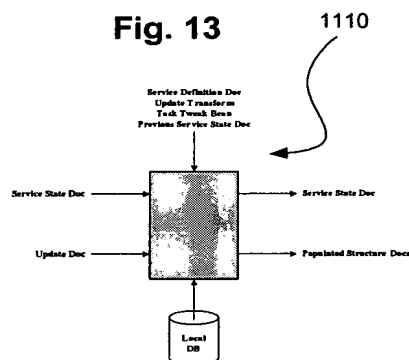


Fig. 15

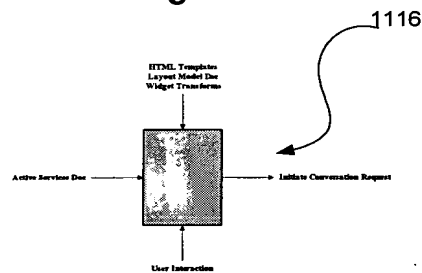


Fig. 17

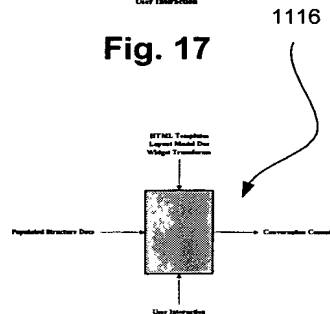
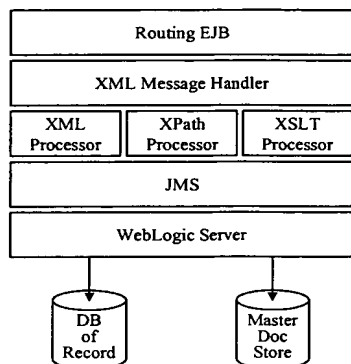


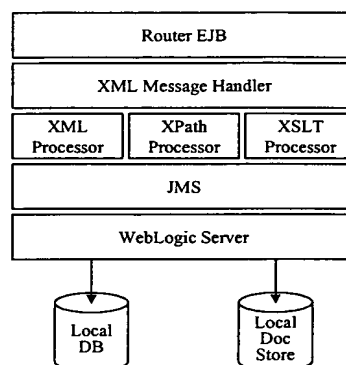
Fig. 19





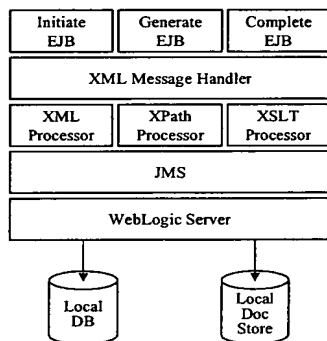
**Fig. 20**

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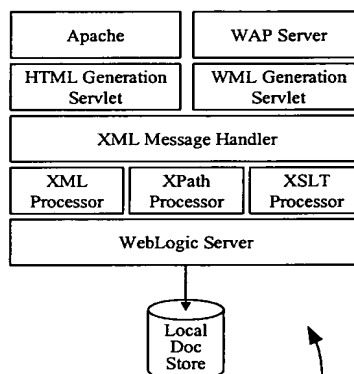
**Fig. 21**

1102



**Fig. 22**

1106, 1114



**Fig. 23**

1104, 1116